

CLAIMS

What is claimed is:

1. An information storage medium for storing data using a waveform, comprising:
a first state corresponding to a recording pattern of the waveform; and
a second state corresponding to an erase pattern of the waveform, wherein:
the erase pattern comprises a multi-pulse, and
the recording pattern and the erase pattern are concatenated by a cooling pulse
of the waveform.
2. The information storage medium of claim 1, wherein:
the first state is a mark formed by a first level of an NRZI data signal, and
the second state is a space formed by a second level of the NRZI data signal.
3. The information storage medium of claim 1, wherein:
the recording pattern comprises another multi-pulse, and
the cooling pulse extends from the multi-pulse of the recording pattern to the multi-pulse
of the erase pattern.